

TOPCHIIYEV, A.V., akademik; KHYUCHKOVA, V.G.; ZAVGORODNIY, S.V.

Alkylation of 2-chloroanisole by propylene, 2-butene, and  
cyclohexene in the presence of  $\text{BF}_3 \cdot \text{H}_3\text{PO}_4$ . Dokl.AN SSSR

Dokl.AN SSSR 133 no.3:617-619 J1 '60. (MIRA 13:7)

1. Institut neftekhimicheskogo sinteza Akademii nauk SSSR i  
Voronezhskiy gosudarstvennyy universitet.  
(Anisole) (Alkylation)

15.8100

26288  
S/190/61/003/008/001/019  
B110/B220

AUTHORS: Rayevskiy, A. B., Kryuchkova, V. G., Zavgorodniy, S. V.  
TITLE: Effect of alkyl halophenols on the polymerization of styrene  
PERIODICAL: Vysokomolekulyarnyye soyedineniya, v. 3, no. 8, 1961,  
1121-1124

TEXT: The inhibiting effect of phenol derivatives on the polymerization of styrene and its dependence on the structure of the phenol derivatives were studied. The compounds mentioned in the legend of the figure were synthesized to this end. Anisole halides were alkylated by olefins in the presence of  $\text{BF}_3 \cdot \text{H}_3\text{PO}_4$  and  $\text{BF}_3 \cdot \text{O}(\text{C}_2\text{H}_5)_2$  at  $60^\circ\text{C}$ . Demethylation of the anisole alkyl halides obtained was performed in the presence of HI, HBr, and acetic anhydride. Commercial styrene was purified from hydroquinone by treatment with 20% KOH, dried over  $\text{Al}_2\text{O}_3$  and distilled in a nitrogen flow. The molar ratio of styrene to inhibitor was  $5 \cdot 10^3:1$ . For comparison, styrene was polymerized without inhibitor. The polymer content P was calculated from the refractive index:  $P = (2.05 \cdot n_D^{20} - 3.17) \cdot 10^3$ . Results: 1) The nature  
Card 1/4

26208

S/190/61/003/008/001/019  
B110/B220

Effect of alkyl halophenols on ...

of the halogens and their position influences the inhibiting effect;  
2) 2-alkyl-4-halophenols are stronger inhibitors than 2-halogen-4-alkyl phenols; 3) fluorine derivatives are stronger inhibitors than chlorine derivatives; 4) 4-fluorophenols show an increasing inhibiting effect in the sequence: 2-sec-butyl-; 2-cyclohexyl-; 2-sec-amyl-; 2-isopropyl-4-fluorophenol; 5) the inhibiting effect of 4-chlorine derivatives increases conversely; 6) the nature of the alkyl radical has no essential effect in the case of 4-alkyl-2-halophenols; 7) Since phenol derivatives have an inhibiting effect only in the presence of  $O_2$ , the compounds studied did not show such an effect in the polymerization of styrene in a nitrogen atmosphere. There are 1 figure, 2 tables, and 7 references: 3 Soviet and 4 non-Soviet. The most important references to English-language publications read as follows: Ref. 1: E. G. Edwards, G. F. P. Harris, Chem. Ind., 1955, 625; Ref. 2: S. G. Food, J. chem. Soc., 1940, 48. Ref. 6: USA Patent 2, 221 809, 1940.

ASSOCIATION: Zavod sinteticheskogo kauchuka im. S. M. Kirova (Synthetic Rubber Works imeni S. M. Kirov). Voronezhskiy gosudarstvennyy universitet (Voronezh State University)

Card 2/4

KRYUCHKOVA, V.G.; ZAVGORODNIY, S.V.

Alkylation of 4-chloroanisole by propylene, pseudobutylene, and cyclohexene in the presence of the catalyst  $\text{BF}_3 \cdot \text{H}_3\text{PO}_4$ . *Izv. vys. ucheb. zav.; khim. i khim. tekhn.* 4 no.1:92-95 161. (MIRA 14:6)

1. Voronezhskiy gosudarstvennyy universitet, kafedra organicheskoy khimii.

(Anisole) (Alkylation)

KRYUCHKOVA, V.G.; ZAVGORODNIY, S.V.

Alkylation of *O*-bromophenol by propylene, 1-pentene, and 2-pentene.  
Zhur. ob. khim. 31 no.2:274-277 P '61. (MIRA 14:2)

1. Voronezhskiy gosudarstvennyy universitet.  
(Phenol) (Pentene) (Propene)

KRYUCHKOVA, V.G.; ZAVGORODNIY, S. V.

Alkylation of o-bromoisole by propylene, 2-butene, and cyclohexene in the presence of  $\text{BF}_3\text{H}_3\text{PO}_4$ . Zhur.ob. khim. 31 no.3:731-733 Mr '61. (MIRA 14:3)

1. Voronezhskiy gosudarstvennyy universitet.  
(Alkylation) (Anisole) (Boron fluoride)

TOPCHIIYEV, Aleksandr Vasil'yevich; ZAVGORODNIY, Semen Vasil'yevich;  
KRYUCHKOVA, Valentina Georgiyevna; POVAROV, L.S., red.;  
GOLUB', S.I., tekhn. red.

[Alkylation of organic compounds by olefins] Reaktsia alki-  
lirovaniia organicheskikh soedinenii olefinami. Moskva,  
Izd-vo Akad. nauk SSSR, 1962. 323 p. (MIRA 15:9)  
(Chemistry, Organic—Synthesis)  
(Alkylation) (Olefins)

S/064/62/000/003/004/007  
B110/B101

15.8100  
AUTHORS:

Zavgorodniy, S. V., Novikov, I. N., Kryuchkova, V. G.,  
Shatalov, V. P.

TITLE:

Production of hydroperoxides of alkyl aromatic hydrocarbons.  
Their initiating properties in copolymerization of divinyl  
with styrene.

PERIODICAL: Khimicheskaya promyshlennost', no. 3, 1962, 29 - 35

TEXT: The synthesis of hydroperoxides of cyclohexylbenzene (I); p-iso-propyl-sec-butylbenzene (II); p-isopropylcyclohexylbenzene (III); p-di-sec-butylbenzene (IV); p-diisopropyl-2-chloro benzene (V) and 1,3,5-triisopropylbenzene (VI) by autoxidation with atmospheric oxygen was studied, as well as their capacity for initiating copolymerization of divinyl with styrene at low temperatures. Oxidation took place in the presence of manganese resinate and alkali: NaOH, Ca(OH)<sub>2</sub>, Na<sub>2</sub>CO<sub>3</sub>, K<sub>2</sub>CO<sub>3</sub> at 95 - 120°C.

It was found that VI is oxidized the most strongly, II and III are oxidized well, but I, especially in the presence of BaO<sub>2</sub>, is oxidized only

slowly. Increasing the reaction temperature from 110 to 120°C (5 - 6

Card 1/2

X



Production of hydroperoxides...

S/064/62/000/003/004/007  
B110/B101

mg/mole of manganese resinate, 1 - 3 g/mole of soda) caused faster autoxidation and raised the maximum hydroperoxide concentration of IV; it influenced the oxidation of II and VI and reduced the hydroperoxide concentration of I. In the autoxidation of I (at 95, 110, and 120°C) the addition of manganese resinate and soda produced an optimum effect. In the autoxidation of III it is chiefly mono hydroperoxides of  $\alpha,\alpha$ -dimethyl-p-cyclohexylbenzyl that arise. II readily forms a mixture of two mono and one dihydroperoxide

X.

Card 2/4

ZAVGORODNIY, S.V.; NOVIKOV, I.N.; KRYUCHKOVA, V.G.; SHATALOV, V.P.

Preparation of hydroperoxides of alkylaromatic hydrocarbons,  
and their initiation properties in copolymerization of divinyl  
with styrene. Khim.prom. no.3:181-185 Mr '62. (MIRA 15:4)  
(Hydrocarbons) (Butadiene polymers) (Styrene polymers)

LYSENKO, N.V.; BOLDYREV, I.V.; KRYUCHKOVA, V.G.

Aliphatic - aromatic esters of carbonic acid. Ukr. khim. zhur.  
30 no.12:1330-1332 '64 (MIRA 18:2)

1. Institut organicheskoy khimii AN UkrSSR.

ANOKHIN, A.A., inzh.; ISAYEV, A.G., mashinist-instruktor; KONDRAT'YEV, Ya.M.; KRYUCHKOVA, V.K.; MOKHOVA, Ye.S., pensioner; SEREBRYAKOV, A.P., pensioner; SIDEL'NIKOV, V.M.; SOKOLOVA, Ye., red.; YEGOROVA, I., tekhn.red.

[This is how it was; from the first Communist Saturday to the first Communist labor unit] Kak eto bylo; ot pervogo kommunisticheskogo subbotnika k pervomu kollektivu kommunisticheskogo truda. Moskva, Mosk.rabochii, 1959. 110 p. (MIRA 12:7)

1. Rabotniki depo Moskva-Sortirovochnaya, Moskovsko-Ryazanskoy shelesnoy dorogi (all except Sokolova, Yegorova). 2. Zaveduyushchaya kabinetom politicheskogo prosveshcheniya depo Moskva-Sortirovochnaya, Moskovsko-Ryazanskoy shelesnoy dorogi (for Kryuchkova).

(Railroads--Employees)

ROZENBERG, Georgiy Vladimirovich; VERES, L.P., red.; ~~KRYUCHKOVA, V.N.,~~  
tekhn. red.

[Twilight] Sumerki. Moskva, Fizmatgiz, 1963. 380 p.  
(MIRA 16:9)

(Twilight)

KRYUCHKOVA, Z.I.

Bottle case counter. Spirt.prom. 27 no.4:20 '61.  
(MIRA 14:6)  
(Biysk—Liquor industry—Equipment and supplies)

KRYUCHKOVA, Z.A.

Determining the wearability of floor polymer materials. Standartizatsia  
29 no.1:33-35 Ja '65. (MIRA 18:4)

SEMEDUBERSKIY, Mikhail Srul'yevich; TURK, V.I., kand.tekhn.nauk, retsenzent;  
ZHIVOTOVSKIY, L.S., kand.tekhn.nauk, retsenzent; KRYUCHKOVICH, H.M.,  
insh., retsenzent; ZHIVOTOVSKIY, L.S., kand.tekhn.nauk, nauchnyy  
red.; PRUDNIKOVA, M.N., red.; GILINSON, P.O., tekhn.red.

[Pumps, compressors, ventilators] Masosy, kompressory, ventilatory.  
Moskva, <sup>U</sup>os. izd-vo lit-ry po stroit. materialam, 1957. 222 p.  
(Compressors) (MIRA 11:4)  
(Pumping machinery)  
(Ventilation-- Apparatus and supplies)



KRYUCHKOVICH, P. L. "Zinc-ion phoresis of long-healing wartime wounds". In the collection: Boyevaya travma nervnoy sistemy, Khar'kov, 1948, p. 279-85.

SO: U-3261, 10 April 53 (Letopis - Zhurnal 'nykh Statey No.11, 1949)

KRYUCHKOVICH, P. L. "Segmentary ultraviolet erythemotherapy of long-healing wounds", In the collection: Boyevaya travma nervnoy sistemy, Khar'kov, 1948, p. 286-95.

SO: U-3261, 10 April 53 (Letopis - Zhurnal 'nykh Statey No. 11, 1949)

VASIL'YEVA, M.N.; GRANSKIY, V.I.; KRYUCHKOVSKIY, S.A.; VERSHIK,  
A.M., kand. fiz.-matem. nauk, nauchn. red.;  
TIKHOMIROVA, G.N., red.

[Mathematics for engineers; bibliography of recommended  
literature] Matematika dlia inzhenerov; rekomendatel'-  
nyi ukazatel' literatury. Moskva, Kniga, 1965. 157 p.  
(MIRA 18:12)

1. Leningrad. Publichnaya biblioteka.

YERMOLOVA, Antonina Nikitichna; ANTONENKO, Vera Vasil'yevna;  
KRYUCHKOVSKIY, Semen Arkad'yevich; VOLGAR', L.G.,  
kand. biol. nauk, nauchn. red.; FEDYUSHINA, L.M., red.

[Biology for agriculture, Biochemistry, Biology and space;  
lists of recommended books] Biologiya - sel'skomu kho-  
ziaistvu, Khimiya zhizni, Biologiya i kosmos; rekomendatel'-  
nye spiski literatury. Nauchn. red. L.G.Volgar'. Leningrad,  
1963. 23 p. (Na temy dnia, no.7) (MIRA 17:2)

1. Leningrad. Publichnaya biblioteka.

YERMOLAYEVA, Antonina Nikitichna; KORNILOV, M.F., doktor sel'-  
khoz. nauk, nauchn. red.; TOLOCHINSKAYA, B.M., red.;  
KRYUCHKOVSKIY, S.A., red.

[Chemistry in agriculture; index of recommended literature  
for compulsory education in agrochemistry] Khimiia v sel'-  
skom khoziaistve; rekomendatel'nyi ukazatel' literatury v  
pomoshch' agrokhimicheskomu vseobuchu. Leningrad, 1964.  
51 p. (MIRA 17:11)

1. Leningrad. Publichnaya biblioteka.

LEVIN, Mikhail Izrailevich; POGORELAYA, Ye.P., red.; KRYUCHKOVSKIY, S.A., red.

[For the young worker on the economics of industrial production] Molodomu rabochemu ob ekonomike promyshlennogo proizvodstva. Leningrad, 1960. 13 l. (MIRA 14:7)

1. Leningrad. Publichnaya biblioteka.  
(Industrial management)

KRYUCHKOVSKIY, Semen Arkad'yevich, POPILOV, L.Ya., nauchnyy red.;  
GRANSKIY, V.I., red.

[Technology for everybody; index of recommended scientific popular literature] Tekhnika dlia vseh; rekomendatel'nyy ukazatel' nauchno-populiarnoi literatury. Leningrad, Izd. Gos. Publichnoi biblioteki im. M.E.Saltykova-Shehedrina, 1962. 118 p. (MIRA 15:6)  
(Bibliography—Technology)

NOVIKOV, Energiy Alekseyevich; KRYUCHKOVSKIY, Semen Arkad'yevich;  
ZIL'BERMINTS, L.V., red.

[The world in which we live; conversations about books]  
Mir, v kotorom my shivem; besedy o knigakh. Leningrad,  
1960. 12 fold. 1. (MIRA 16:4)

1. Leningrad. Publichnaya biblioteka.  
(Bibliography--Astronomy)  
(Bibliography--Geology)



KRYUCHOK, G.; MEL'NIKOV, V.

Work of the White Russian Republic Medical History Society. Zdrav.  
Bel. 7 no.11:71-72 N '61. (MIRA 15:11)

(WHITE RUSSIA—MEDICINE)

KRYUCHOK, G.M., elektromekhanik; RUDNITSKIY, V.P., elektromekhanik;  
KRYUCHOK, I.I., elektromekhanik

Improve the BOTA apparatus. Avtom., telem. 1 svyaz' 2 no.9:26 S '58. /  
(MIRA 11:10)

1. Debal'tseyskaya distantsiya signalizatsii i svyazi Donetskoy dorogi.  
(Telephone, Automatic--Apparatus and supplies)

KRYUCHOK, G. R.

KRYUCHOK, G. R. -- "Development of Rural Medicine in Belorussia."  
Sub 6 Jan 52, Central Inst for the Advanced Training of Physicians.  
(Dissertation for the Degree of Candidate in Medical Sciences.)

SO: Vechernaya Moskva January-December 1952

KRYUCHOK, G.R., dotsent; SHISHKO, Ye.I., assistant

S.M. Melkikh, the founder of the Departmental Therapeutic Clinic  
of the Minsk Medical Institute. Zdrav.Belor. 3 no.10:72-74 0  
'57. (MIRA 13:6)

1. Kafedra organizatsii sdravookhraneniya i istorii meditsiny  
(saveduyushchiy - dotsent D.P. Belyatskiy).  
(MELKIKH, SERGEI MIKHAYEVICH, 1877-1952)

KRYUCHOK, G.R., dotsent

Grodno Medical School in the second half of the eighteenth  
century and its director, Professor Zh.E.Zhiliber. Zdrav.  
Belor. 5 no.7:66-68 J1 '59. (HIRA 12:9)  
(GRODNO--MEDICAL COLLECTIONS)

KRYUCHOK, O.R., dotsent

O.O. Fedorovich, inventive surgeon and public health physician.  
Zdrav. Belor. 5 no.11:66-67 N '59. (MIRA 13:3)  
(FEDOROVICH, OTTON OSIFOVICH, 1859-1912)

KRYUCHOK, G.R., dotsent

Life and creative activity of Constantine Parhon. Zdrav.Belor. 5  
no.12:55-57 D '59. (MIRA 13:4)  
(PARHON, CONSTANTINE ION, 1874-)

KRYUCHOK, G.R., dotsent

Eminent figure in the Soviet public health service; on the 70th  
birthday of M.I. Barsukov. Zdrav.Belor. 6 no.2:71-72 '60.  
(MIRA 13:6)  
(BARSUKOV, MIKHAIL IVANOVICH, 1890-)



KRYUCHOK, G.R., dotsent

Tasks in the study of the history of medicine and the public  
health system in the White Russian S.S.R. Zdrav. Belor. 6  
no.3:65-67 Mr '60. (MIRA 13:5)  
(WHITE RUSSIA--MEDICINE)

KRYUCHOK, G., dotsent

White Russian Society on the History of Medicine. Zdrav. Belor.  
6 no.4:71-72 Ap '60. (MIRA 14:5)  
(WHITE RUSSIA--MEDICAL SOCIETIES)

KRYUCHOK, G.R., dotsent (Minsk)

One hundred and sixty years since the founding of the clinical Hospital  
in Minsk. Sov. zdrav. 19 no.9:63-68 '60. (MIRA 11:11)  
(MINSK--HOSPITALS)

KRYUCHOK, G.; AL'BERT, B.; BELYATSKIY, D.

Useful manual on the history of Russian medicine. Zdrav.Bel. 7.  
no.8:75-77 Ag '61. (MIRA 15:2)  
(RUSSIA--MEDICINE)

KRYUCHOK, G.R., dotsent

First conference on the history of medicine and public health in  
White Russia. Sov.zdrav. 20 no.1:96-98 '61. (MIRA 14:5)  
(WHITE RUSSIA—PUBLIC HEALTH—CONGRESSES)

KRYUCHOK, G.R., dotsent; GRITSKEVICH, V.P.

Eminent White Russian physician K.I. Gibental'; on the 175th anniversary of his birth. Zdrav.Bel. no.3:64-66 '62.

(MIRA 15:5)

(GIBENTAL', KARL IVANOVICH, 178 or 86)

KRYUCHOK, G.R., dotsent (Minsk)

Medicine in White Russia during the period of disintegration  
of the feudal-serf system and the onset of capitalism. Sovet.  
zdravookhr. 5:74-79'63 (MIRA 17:2)

KRYUCHOK, G.R., otv. red.(Minsk); BELYATSKIY, D., red. (Minsk);  
SHADURSKIY, K.S., red.; EL'BERT, B.Y., red.(Minsk)

[Problems of the history of medicine and public health in  
the White Russian S.S.R.; abstracts of reports at a sci-  
entific conference] Voprosy istorii meditsiny i zdravookh-  
raneniia BSSR; tezis dokladov nauchnoi konferentsii. Minsk,  
1960. 109 p. (MIRA 17:4)

1. Minsk. Dzierzhauny medytsynski instytut.

\*



EXCERPTA MEDICA Sec-12 Vol-13/8 Ophthalmology Aug 59

1257. OPTICAL KERATOPLASTY (Russian text) - Kryuchok T.I. - ZDRA-VOOKHR. BELOR. 1951, 12 (41-42)

From 1954 to 1956 corneal grafting according to the Filatov method was carried out on 12 patients aged from 12 to 25 yr. The long-term results (from 4 months to 2 yr.) were followed for 11 patients. Transparent incorporation of the transplant was noted in 9 patients, and semitransparent in 2. A diminution of the intensity of the cloudiness was observed around the transplant in all patients. (S)

KRYUCHOK, T.I.

Origin of specialized eye care in White Russia. Zdrav.Belor. 5  
no.1:71-73 Ja '60. (MIRA 13:5)

1. Is kliniki glansykh bolezney Minskogo meditsinskogo instituta  
(savoreduyushchaya kafedroy - T.V. Birich).  
(WHITE RUSSIA--EYE--CARE AND HYGIENE)

KRYUCHOK, T.I.

Development of ophthalmology in white Russia in the prewar  
years (1917-1940). Vest.oft. no.6:55-57 '60. (MIRA 14:11)

1. Kafedra glaznykh bolezney (zav. - prof. T.V. Birich) Minskogo  
meditsinskogo instituta.

(WHITE RUSSIA—OPHTHALMOLOGY)

KRYUCHOK, T.I.

Main stages in the development of eye care in the White Russian  
S.S.R. before the Great Patriotic War. Zdrav. Bel. 6 no.12:62-65  
D '60. (MIRA 14:1)

1. Iz glaznogo otdeleniya 3 klinicheskoy bol'nitsy (glavnyy vrach  
A.I. Korkhov) i kliniki glaznykh bolezney (zaveduyushchaya -  
professor T.B. Birich) Minskogo meditsinskogo instituta.  
(WHITE RUSSIA—EYE—CARE AND HYGIENE)

KRYUCHOK, T. I., Cand Med Sci -- "Development of ophthalmology in Belorussia (~~from the~~ end of the <sup>18<sup>th</sup></sup> ~~eighteenth~~ century ~~to the year of~~ 1958)." Riga, 1961. (Min of Health LaSSR. Riga State Med Inst) (KL, 8-61, 262)

- 479 -

LEVITMAN, Kh.Ya.; KRYUCHYK, Z.A.

Use of magnesium chloride as a background for polarography.

Vestsi AN BSSR. Ser. fiz.-tekhn.nav. no.2:43-47 '58.

(Polarography) (Magnesium chloride)

(MIRA 11:10)

KRYUGER, A.P., inzh.

Use of high yeild sulfite pulp for the manufacture of newsprint.  
Bum.prom.36 no.1:13-14 Ja '61. (MIRA 14:3)  
(Woodpulp) (Newsprint)

USSR/Chemistry

Card 1/1

Authors : Kryuger, G., and Shvangiradze, R. R.

Title : Quantitative spectrochemical determination of praseodymium (Pr) in lanthanum and europium in samarium on an ISP-22 medium dispersion spectrograph

Periodical : Zhur. Anal. Khim, 9, Ed. 1, 11-21, Jan-Febr. 1954

Abstract : Methods were developed for spectrochemical determination of praseodymium in lanthanum and europium in samarium with the aid of a conventional ISP-22 medium dispersion spectrograph. The determination sensitivity is not much lower than the sensitivity of a much higher dispersion instrument and the difference between the media used in both cases. It is difficult to say whether the radiation or the spectral method is more accurate but under circumstances described the spectral analysis method is more accurate but under circumstances described the spectral analysis method is much faster than the radiation method. Six, English and German references. Tables, graphs.

Institution : .....

Submitted : Oct. 29, 1953



**"APPROVED FOR RELEASE: 04/03/2001**

**CIA-RDP86-00513R000826910018-6**

**APPROVED FOR RELEASE: 04/03/2001**

**CIA-RDP86-00513R000826910018-6"**

KRYUGER, Georgiy L'yovich; SHLAPAKOV, Nikolay Petrovich; PESTRYAKOV,  
A.I., red.; ZUHRILINA, Z.P., tekhn.red.

[Catalog of spare parts for cotton growing machinery] Katalog  
zapasnykh chastei k mashinam po vozdeleyvaniu khlopchatnika.  
Moskva, Gos.isd-vo sel'khoz.lit-ry. 1959. 91 p. (MIRA 13:2)  
(Agricultural machinery--Catalogs) (Cotton growing)

KRYUGER, L.V.

Some data on the mycorrhiza of meadow plants growing on alluvial soils [with summary in English]. Mikrobiologiya 26 no.1:60-65  
Ja-F '57. (MIRA 10:6)

1. Sel'skokhozyaystvennyy institut im. D.N.Pryanishnikova,  
Molotov.  
(ALLUVIUM) (MYCORRIZA)

FRYUGER, L.V., Cand Biol Sci --(diss) "Eycorrhiza<sup>of</sup> <sub>^</sub> of natural phytocenoses of the Central pre-Ural region."

Ferni', 1959. 20 pp (Fin of Higher Education USSR. Ferni' State U  
in A.K. Gor'kiy), 170 copies (FI,30-59, 119)

-15-

KRYUGER, L.V.; BARKOVA, T.A.

Information pertaining to the mycorrhiza of corn. Agrobiologiya  
no.1:137-138 Ja-F '59. (MIRA 12:4)

1. Permskiy sel'skokhozyaystvennyy institut imeni D.N.  
Pryanishnikova.  
(Corn(Maize)) (Mycorrhiza)

KRYUGER, L.V., kand.biologicheskikh nauk (Perm')

Dynamics of the development of the mycorhiza of certain  
meadow grasses. Agrobiologiya no.2:226-230 Mr-Apr '60.

(Grasses)

(Mycorhiza)

(MIRA 14:3)

KRYUGER, L.V. (Perm')

Characteristics of some natural phytocoenoses of the central cis-Ural region as related to the ecology of mycorrhiza formation in herbaceous plants. Bot. zhur. 45 no.10:1409-1417 0 '60.

(Perm Province—Plant communities)

(MIRA 13:11)

(Mycorrhiza)

KRYUGER, L.V.

Endotrophic mycorrhiza of herbaceous plants in certain plant communities  
of the central cis-Ural region. Bot. zhur. 46 no. 5:617-627 My '61.  
(MIRA 14:7)

1. Permskiy sel'skokhozyaystvennyy institut.  
(Ural Mountain region—Botany) (Mycorrhiza)



3(4)

AUTHORS:

Kryuger, M. S., Fokin, R. G.

SOV/6-59-6-7/22

TITLE:

Development of the Contour Plan Survey Basis  
(Razvitiye planovo-vysotnogo s'yemochnogo obcsnovaniya)

PERIODICAL:

Geodeziya i kartografiya, 1959, Nr 6, pp 31-35 (USSR)

ABSTRACT:

In 1958, the party of R. G. Fokin of the Yakutskoye aerogeodezicheskoye predpriyatiye (Yakutsk Aerogeodetic Service) was concerned with the field compilation survey and the topographic identification for the stereotopographic survey on a scale of 1 : 25,000 on the surface of 30 trapezes. The area of the survey is a plain with absolute heights of 138-235 m. The surface is rugged and poorly distributed in depth. The whole section is wooded, mainly with deciduous wood 10-15 m high. The execution of this work is described here. On the whole section, the position of 67 points was determined analytically: 50 of them by intersection, 2 by resection, 7 by combined intersection and resection, and 8 by different ways. In the fixed points for intersecting, the field rods were originally lifted up on the tree and attached there. This proved to be dangerous, and G. O. Vasil'yev and Yu. M. Rybkin started winding up the

Card 1/2

Development of the Contour Plan Survey Basis

SOV/6-59-6-7/22

field rods by means of a rope winch and guide pulleys (Fig 2). This work is described here in detail. The method of resection was applied in more or less open country. It is shown that the preparation of the framework for the determination of fixed points is much more complicated by resection than the setting up of field rods for intersecting. The identification on 12 trapezes was carried out by the brigades, and on 18 trapezes by single persons. Working experience of 1958 showed that a determination of fixed points in flat wooded country is well possible by intersecting. If the theodolite traverses are replaced by an analytical network, the working capacity increases, the quality of determination of fixed points is improved, and the cutting of clearings is no longer necessary. There are 5 figures.

Card 2/2

3(4)

AUTHOR:

Kryuger, M. S.

SOV/5-59-8-8/27

TITLE:

Checking Stereotopographical Relief Surveys  
(Kontrol' stereotopograficheskoy s"yemki rel'yefa)

PERIODICAL:

Geodeziya i kartografiya, 1959, Nr 8, pp 39-41 (USSR)

ABSTRACT:

In order to be able to estimate objectively the quality of the stereotopographical relief surveys a number of check site and altitude traverses with a total length of 57.8 km were made on an object in the Yakutskoye aerogeodezicheskoye predpriyatiye (Yakutsk Aerogeodetical Enterprise) in 1958. The geodetic basis of these traverses were 7 triangulation points and one bench mark. The lines of the check courses ran through 9 trapezes on a scale of 1 : 25,000. Maximum elevation differences in this terrain were 200 m. The area is settled in all parts. Aerial surveying was carried out in 1955-56. - The work carried out is listed briefly. The results of 131 check points are given in the table. The mean error amounted to 1.4 m. A comparison with permissible tolerances shows that the stereotopographical survey was carried out satisfactorily within the scope of the area checked. There is 1 table.

Card 1/1

KRYUGER, M.S.

Helicopter replaces draft animals. Geod. i kart. no. 5:  
59-60 My '60. (MIRA 13:7)  
(Helicopters) (Aeronautics in surveying)

KRYUGER, M.S.

The tie between the journal and practice. Geod. i kart. no. 5:66  
My '61. (MIRA 14:6)  
(Surveying--Periodicals) (Cartography--Periodicals)

KRYUGER, M.S.

Efficient way of obtaining accuracy in trigonometric leveling.  
Geod.1 kart, no.12:15-18 D '62. (MIRA 16:2)  
(Leveling)

KRYUGER, O. V.

21039 Kryuger, O. V. Neposredstvennyye: otdalennyye rezul'taty vogotomii pri yazvennoy bolezni Vestnik Khirurgii im. Grekova, 1949, No. 3, s. 36-37.

SO: LETOPIS ZHURNAL STATEY - Vol. 28, Moskva, 1949

KRYUGER, P. K.

23552. ISBLICVANIYE RABOTY VAKHMYSHIKH ELENTOV PAROVCHZKOC  
PARORASHEDLIITEL'NOCO MEKHANIZMA. SECRNIK NAUCH.  
TRUDOV (TASHK. IN-T INZHENEROV ZH-D. TRANSPORTA),  
VYP. 2, 1949, C. 55-66.

SO: LETCHIS NO. 31, 1949.



RYLEYEV, G.S.; KRYUGER, P.K.; KAZAKOV, V.N.; VIL'NEVICH, B.I.; KOCOSOV,  
B.Ye., redaktor; DRUBINSKIY, V.A., redaktor; VERINA, G.P.,  
tekhnicheskiy redaktor

[The operation of diesel locomotives and the management of the  
diesel locomotive traction system] Ekspluatatsiya teplovozov i  
teplovoznoe khoziaistvo. Moskva, Gos. transp. shel-dor. izd-vo,  
1951. 294 p. (MIRA 8:2)  
(Diesel locomotives)

RYLEYEV, G. G.; KRYUGER, F. K.; KAZAKOV, V. N.; VIL'KEVICH, B. I.

"Eksplyatatsiya Teplovozov i Teplovoznoe Khozyaistvo" (Exploitation of Diesel Locomotives and Engine Economy), 295 p., State Railway Transportation Publ., Moscow, 1951.

KRYUGER, P.K., dotsent, kandidat tekhnicheskikh nauk; KAZAKOV, V.N.,  
dotsent, kandidat tekhnicheskikh nauk

Selecting an efficient traction arm length for Diesel locomotives. Trudy TASHIT no.3:38-61 '51. (MIRA 8:10)  
(Diesel locomotives)

KRYUGER, P.K.; KOTS, S.L.; KAZAKOV, V.M.; GRIGORANSKIY, V.S.; FEDOROV, P.N.;  
NEBOZHENKO, I.A.; PEREL'MAN, Yu.S.; DANILOV, V.I., inzh., red.;  
KHITROV, P.A., tekhn.red.

[Repairing electric equipment and cab sections of diesel locomotives]  
Remont elektrooborudovaniia i ekipaznoi chasti teplovozov. Moskva,  
Gos.transp.zhel-dor. izd-vo, 1955. 150 p. (MIRA 11:6)  
(Diesel locomotives--Maintenance and repair)

HYLBYEV, G.S.; KRYUKOV, P.K.; KAZAKOV, V.N.; VIL'KOVICH, B.I.; MERZHKO,  
V.G., inzhener, redaktor; SAZONOV, A.G., inzhener, redaktor;  
BOBROVA, Ye.N., tekhnicheskii redaktor

[Management and operation of diesel locomotives] Teplovoznoe khoziai-  
stvo. Moskva, Gos. transp. shel-dor. izd-vo, 1956. 311 p. (MLBA 9:12)  
(Diesel locomotives)

KRYUGER, P.K. kandidat tekhnicheskikh nauk.

What the system of electric and diesel locomotive repair should be  
like. Zhel. dor transp. 39 no.3:49-52 Nr '57. (MLBA 10:4)  
(Electric railroads)

RYLEYEV, G.S.; KRYUGER, P.K.; KAZAKOV, V.N.; VIL'KEVICH, B.I. Pri-  
nimal uchastiye BELEN'KIY, M.N.; FEDOTOV, I.I., kand.  
tekhn. nauk, retsenzent; LUGININ, N.G., kand. tekhn. nauk,  
retsenzent; CHEBYKIN, V.N., kand. tekhn. nauk, retsenzent  
[deceased]; ONISHCHENKO, I.T., kand. tekhn. nauk,  
retsenzent; TELICHKO, V.G., inzh., retsenzent; ISIKOV,  
Ye.N., inzh., retsenzent; ROZHDESTVENSKIY, A.S., inzh.,  
retsenzent; MEDVEDEVA, M.A., tekhn. red.

[Management and operation of diesel locomotives] Teplovoz-  
noe khoziaistvo. Izd.2., perer. i dop. [By] G.S.Ryleev i  
dr. Moskva, Transzheldorizdat, 1963. 290 p.

(MIRA 17:3)

SHELAYEV, A.F.; KRYUGER, T.P.

Rice cultivation as a method for desalting Solonchaks in central  
Fergana. Izv.AN Uz.SSR no.6:25-34 '56. (MIRA 14:5)  
(Fergana--Solonchak soils) (Rice)



KRYUGER, T.P.

Dynamics of assimilable forms of nitrogen and phosphorus in  
soils planted to rice. Dokl.AN Uz.SSR no.1:47-50 '59.

(MIRA 12:4)

1. Institut pochvovedeniya AN UzSSR. Predstavleno akademikom  
AN UzSSR S.S.Kanashov.

(Nitrogen)

(Phosphorus)

(Rice)

XRYUGER, T.P.

Ground-water balance in Solonchak soils under rice. Uzb.geol.  
zhur. no.3:47-54 '60. (MIRA 13:11)  
(Fergana--Water, Underground) (Fergana--Solonchak soils)

GAVRIILENKO, D.M.; KRYUGER, T.P.; MOSHCENKO, V.Ya.

Organization and some results of reserach in the Golodnaya Steppe.  
Mat. po proizv. sil. Uzb. no.15:463-475 '60. (MIRA 14:8)

1. Sovet po izucheniyyu proizvoditel'nykh sil AN Uzbekskoy SSR.  
(Golodnaya Steppe--Research)

KRYUGER, T.P.; SEMENOVA, V.I.

Reduction of sulfates in rice field soils of central Fergana.  
Uzb. biol. zhur. no.2:8-11 '61. (MIRA 14:5)

1. Institut botaniki AN UzSSR i Institut pochvovedeniya Uzbekskoy  
Akademii sel'skokhozyaystvennyy nauk.  
(FERGANA—MINERALS IN SOILS) (SULFATES)

KRUEGER, T.P.; KIM BON KHI

Determining the absorption capacity of carbonate rich salinized  
soils by the Pfeffer method. Pochvovedenie no.3:93-96 Mr '65.  
(MIRA 18:6)

1. Institut pochvovedeniya, Tashkent.

KRYUGER, V. A.

Kama Valley - Botany

Zonal distribution of vegetation in the Kama River Valley.  
Bot. zhur. 37 no. 3, 1952. Recd. May 6, 1952

Monthly List of Russian Accessions, Library  
of Congress, September 1952. UNCLASSIFIED.

ACC NR: AM6032035

(N)

Monograph

UR/

Zvyagintsev, Yefim Vasil'yevich; Kaplun, Semen Markovich; Kryuger, Yevgeniy Adol'fovich; Lofenfel'd, Yevgeniy Grigor'yevich; Luchanskiy, Iosif Aleksandrovich; Yanovskiy, Aleksandr Aleksandrovich

Marine screw propellers of variable pitch; manufacture, assembly and testing (Sudovyye grebnyye vinty reguliruyemogo shaga; izgotovleniye, montazh i ispytaniya) [Leningrad] Izd-vo "Sudostroyeniye," 1966. 283 p. illus., biblio. 3,000 copies printed.

TOPIC TAGS: marine, engineering, mechanical engineering

PURPOSE AND COVERAGE: The book is intended for technologists, designers, and other specialists interested in the problems of manufacturing, assembling, testing, and maintaining variable pitch propellers. General information is given and design methods and actual forces and moments acting on variable-pitch propellers are discussed. Data on the strength of and materials used in individual parts and methods for increasing their fatigue strength and corrosion resistance are presented. Technological manufacturing process of the main parts variable-pitch propellers, shafts, control mechanisms, as well as associated instruments and attachments, are described. Primary attention has been paid to the assembly and testing of variable-pitch propellers, their installation on vessels,

Card 1/2

UDC: 629.12.002.72.037

ACC NR: AM6032635

and marine tests. There are 12 references, all Soviet.

TABLE OF CONTENTS (abridged):

Foreward -- 3

Ch. I. General information on variable-pitch propellers -- 5

Ch. II. Materials used for fabricating parts and units of variable-pitch propellers -- 36

Ch. III. Methods for increasing the fatigue strength and the corrosion-fatigue strength of parts of variable-pitch propellers -- 55

Ch. IV. Manufacturing parts and units of variable pitch propellers -- 73

Ch. V. Tacking used in variable-pitch propeller designs -- 184

Ch. VI. Assembly of variable-pitch propeller units and assemblies -- 196

Ch. VII. Testing assembled variable-pitch propellers and individual assemblies -- 237

Ch. VIII. Transportation and installation on variable-pitch propellers on vessels -- 252

Ch. IX. Testing variable-pitch propellers aboard ship -- 262

Recommended literature -- 282

SUB CODE: 013/ SUBM DATE: 29Dec65/ ORIG REF: 012/

Card 2/2



KOZLOVSKIY, A.S., inzh.; Prinimal uchastiye GOFSTEYN, S.Ia., krovel'-  
shchik-novator. ODINOKOV, S.D., kand.tekhn.nauk, nauchnyy red.;  
KRYUGER, Yu.V., red.; GILKINSON, P.G., tekhn.red.

[Constructing tile and asbestos-cement roofs] Ustroistvo cherepich-  
nykh i asbestotsementnykh krovel'. Moskva, Gos.isd-vo lit-ry po  
stroit., arkhitekt., i stroit.materialam, 1959. 207 p. (MIRA 13:2)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organi-  
zatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu.  
(Roofing)

FRYK, A.S., Cand Med Sci -- (diss) "Bone cavities in chronic  
osteomyelitis and their treatment." Minsk, 1957, 15 pp  
(Minsk State Med Inst) 200 copies (PL, 27-58, 117)

- 209 -

KRYUK, A.S., nauchnyy sotrudnik

Results of conservative treatment of closed fractures of the  
malleolus. Zdrav. Belor. 4 no.2:58-61 F '58. (MIRA 13:8)

1. Minskiy nauchno-issledovatel'skiy institut ortopedii i vosstano-  
vitel'noy khirurgii (director - professor R.M. Minina, nauchnyy  
rukovoditel' - professor B.N. Tsytkin).  
(ANKLEBONE--FRACTURE)

KRYUK, A.S.

Surgery in late stages of chronic osteomyelitis. Zdrav. Belor. 5  
no.9:30-33 S '59. (MIRA 12:12)

1. Minskiy nauchno-issledovatel'skiy institut travmatologii i ortopedii (direktor - prof. R.M. Minina, nauchnyy rukovoditel' - prof. B.N. Tsyypkin).  
(OSTEOMYELITIS)

KRAMARENKO, G.N., kand.med.nauk; NICHAYNVA, Z.P.; TKACHENKO, S.S.; OSNA, A.I.,  
dotcent; KURILO, A.A.; MEZHENINA, Ye.P., kand.med.nauk; KRYUK, A.S.,  
kand.med.nauk; FENYKA, B., prof.

Reports on meetings of societies of traumatologists and orthopedists.  
Ortop.travm.i protes. 20 no.9:80-93 8 '59. (MIRA 13:2)  
(ORTHOPEDIC SOCIETIES)

KRYUK, A.S., kand.meditsinskikh nauk

Tactics of the surgeon in the treatment of fresh fractures of the malleolus and of fractures not treated at the proper time. Zdrav. Bel. 6 no.11:20-23 N '60. (MIRA 13:12)

1. Iz kafedry travmatologii i ortopedii Minskogo meditsinskogo instituta, Instituta travmatologii i ortopedii (direktor - professor E.M. Minina, nauchnyy rukovoditel' - professor B.N. TSypkin).  
(ANKLEBONE--FRACTURE)

MECHAYEVA, Z.P., referent; TKACHENKO, S.S., referent, kand.meditsinskikh nauk; OSMA, A.I., referent, dotsent; SENDYUK, P.P., referent; KOSTRIKOV, V.S., referent, kand.meditsinskikh nauk; LEVITSKIY, F.A., referent; BRODSKAYA, Ye.I., referent; TKACHEVA, S.G., referent GAL'CHENKO, V.Ye., referent; KRYUK, A.S., referent, kand.meditsinskikh nauk.

Reports on meetings of societies of traumatologists and orthopedists. Ortop. travm. i protez, 21 no. 7:78-95 J1 '60.

(MIRA 13:10)

(ORTHOPEDIC SOCIETIES)

SHAPIRO, M.N., prof., zasl. deyatel' nauki BSSR, red.; MININA, R.M.,  
prof., red.; TSYPKIN, B.N., prof., red. [deceased]; KRYUK, A.S.,  
kand. med. nauk, otv. red.; ZAYTSEVA, T., red. izd-va; SIDERKO, N.,  
tekhn. red.

[Clinical aspects, diagnosis, and treatment of bone tumors] Kli-  
nika, diagnostika i lechenie kostnykh opukholei. Minsk, izd-vo  
Akad. nauk BSSR, 1961. 172 p. (MIRA 15:2)

1. Minak. Minskiy nauchno-issledovatel'skiy institut travmatologii  
i ortopedii.

(BONES—TUMORS)



KRYUK, A. S..

Report on the 27th session of the White Russian Society of Traumatologists and Orthopedists. Ortop., travm. i protez. no.12, 1963-64  
'61. (MIRA 1512)

(WHITE RUSSIA--ORTHOPEDIC SOCIETIES)

KRYUK, A. S., kand. med. nauk

Intertrochanteric angular osteotomy in varus deformity of the  
femoral neck. Ortop., travm. i protez. no.3:75-76 '62.  
(MIRA 15:6)

(FEMUR--ABNORMALITIES AND DEFORMITIES)  
(OSTEOTOMY)

KRYUK, A.S., dotsent (Minsk, Ul'yanovskaya ul., d.32, kv.39)

Technique of an angular extra-articular osteotomy in varus  
deformity of the femoral neck. Ortop., travm. i protaz. 26  
no.5:69-73 My '65.  
(MIRA 18:10)

1. Iz kafedry travmatologii i ortopedii Minskogo meditsinskogo  
instituta i Minskogo instituta travmatologii i ortopedii (dir.-  
prof. R.M. Minina).

KRYUK, A.S., dotsent (Minsk, Ul'yanovskaya ul., d.32, kv.39)

Technique of an angular extra-articular osteotomy in varus  
deformity of the femoral neck. Ortop., travm. i protez. 26  
no.5:69-73 My '65.  
(MIRA 18:10)

1. Iz kafedry travmatologii i ortopedii Minskogo meditsinskogo  
instituta i Minskogo instituta travmatologii i ortopedii (dir.-  
prof. R.M. Minina).

KRYUK, G., polkovnik

We try to train tankmen under fire. Komm.Vooruzh.Sil 1 no.2:51-56  
0 '60. (MIRA 14:8)

(Tanks (Military science))

KRYUK, I. F.

USSR/Cultivated Plants - Grains.

M-2

Abs Jour : Ref Zhur - Biol., No 20, 1958, 91659

Author : Kryuk, I. F.

Inst : Belorussian Institute for the National Economy.

Title : Element Composition of Mineral Substances in the Grain of Bean Crops.

Orig Pub : Uch. zap. Belorussk. in-t nar. kh.-va, 1957, vyp. 3, 163-174.

Abstract : No abstract.

Card 1/1

USSR / Cultivated Plants, Cereals.

M

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 34672

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000826910018-6

Author : Kryuk, I. F.; Markovich, S. V.

Inst : Byelo-Russian Institute for Agriculture.

Title : Effect of  $\gamma$ -Radiation with Radioactive Cobalt ( $Co^{60}$ ) on Certain Properties of the Pea.

Orig Pub : Uch zap. Belorussk. in-t nar. kh.-va, 1957, vyp. 3, 253-257.

Abstract : A study was made of the sprouting and of certain other physical properties of the seeds of the pea after exposure to 450 t of  $Co^{60}$ . The following effects have been ascertained: increase in germination energy and sprouting, increase in the percentage of combined water, sharp weakening of resistance to crushing. The theory is advanced that radiation changes the structure of seeds. Bibliography with 10 titles. -- I. N. Zaikina.

Card 1/1

KRYUK, I.P.

Apparatus for rapid determination of the technical ripeness of green  
peas. Kons.1 ov.prom. 14 no.2:39-40 P '59. (MIRA 12:3)

1. Beloruaskiy gosudarstvennyy institut narodnogo khozyaystva imeni  
Kuybysheva.

(Peas)

KRYUK, I.F.

Investigating tryptophan in wheat flour. Izv. vys. ucheb. zav.;  
pishch. tekhn. no.5:28-30 '61. (MIRA 15:1)

1. Belorusskiy gosudarstvennyy institut narodnogo khozyaystva imeni  
V.V.Kuybysheva. Kafedra tovarovedeniya.  
(Tryptophan) (Wheat)



KRYUK, I.F., kand.tekhn.nauk; MARKEVICH, S.V., kand.khimicheskikh nauk

Effect of gamma radiation on some properties of pulse crop  
seeds. Trudy VNIIZ no.38:105-121 '60. (MIRA 15:12)

1. Belorusskiy gosudarstvennyy institut narodnogo khozyaystva  
imeni V.V.Kuybysheva.

(Legumes) (Plants, Effect of gamma rays on) (Seeds)

KRYUK, I.F., kand.tekhnicheskikh nauk

Distribution of tryptophan in the proteins of milled wheat products. Trudy VNIIZ no.38:229-231 '60. (MIRA 15:12)

1. Belorusskiy gosudarstvennyy institut narodnogo khozyaystva.  
(Tryptophan) (Wheat)

KRYUK, I.F.

Investigating the fractional composition of the proteins  
of the intermediate products of wheat milling. Izv. vys.  
ucheb. zav.; pishch. tekhn. no. 4:40-41 '63. (M RA 16:11)

1. Belorusskiy gosudarstvennyy institut narodnogo khozyaystva  
imeni V.V. Kuybysheva, kafedra tovarovedeniya pishchevykh  
produktov.

KRYUK, I.F.; IUBOVIK, Ye.V.

Physical properties of the gluten of the intermediate fractions of flour. Izv.vys.ucheb.zav.; pishch.tekh. no.1:69-70 '64.

(MIRA 17:4)

1. Belorusskiy gosudarstvennyy institut narodnogo khozyaystva imeni Kuybysheva, kafedra tovarovedeniya pishchevykh produktov.